ME Automation Engineer

In 2015, TRW Automotive was acquired by global automobile supplier ZF Friedrichshafen AG. The company is represented at about 230 locations in some 40 countries. ZF is one of the top three automotive suppliers worldwide.

ZF is a developer and producer of active and passive safety systems and serves all major vehicle manufacturers worldwide with an established footprint that includes facilities in more than 20 countries. It maintains 22 technical centers and 13 test tracks in vital markets around the world.

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TRW Airbag Systems Roman, Neamt County is an airbag cushion sewing facility, part of the Active & Passive Safety Technology Division within ZF.
With a total of 1800 employees in Roman, we are supplying the module assembly plants for customers such as VW, AUDI, GM, PSA, FORD, etc.

Join our team in achieving the Mission we have to "Protect People on The Road!"

Responsabilities:

- Provides electrical & controls engineering technical support for the installation, debug, and setup of equipment and tooling into an integrated manufacturing system;
- Assists in choosing production equipment/stations relative to equipment & controls standards, controls hardware integration, network connectivity considering direct labor manning/costs, efficient material flow and handling, product quality and safety;
- Designs and implements manufacturing applications needed to control/monitor various manufacturing operations and record desired traceability data;
- Updates processes with design evolutions, adds mistake-proofing improvements to guarantee correct usage of the assembly and sewing lines;
- Functional responsibility for: Human Machine Interface Design & Programming; Control valve functionality management & implementation; vision systems & servo controls; PLC hardware; PLC programming; Sensors definition & setup; pneumatic & hydraulic valve actuators control system; design electrical wiring diagrams, hardware controls architecture; processors, I/O, power distribution, motor controls & sensors; cabinet field wiring; mistake proofing design & implementation; configure manufacturing/traceability application(s) for lines/cells.

Candidate profile:

- University technical degree (Mechanical Engineering, Mechatronics and Robotics, Automation/Electronics);
- English language fluency - mandatory;
- MS-Office package;
- Self-motivated individual with the ability to work independently;
- Problem-solving skills;
- Communication skills and coordination;
- Good understanding of the technical and production processes.